

c) output means in response to said location determination to affect at least one other system within said vehicle.

In claim 24, line 2, please delete "measn" and substitute in its stead --means --;

28 (thrice amended). In a motor vehicle having an interior passenger compartment having contents comprising at least one occupant, each said occupant having at least one part, an interior monitoring system comprising:

a) [Pattern]pattern recognition means to detect the presence of and to identify said at least one occupant, said means comprising: (I) means to illuminate at least each said occupant whose said at least one part is to be located, and (ii) a trained pattern recognition means, said trained pattern recognition means having been trained on substantial data of said at least one occupant;

b) means to determine the location of said at least one part of said at least one occupant within said passenger compartment; and

c) output means in response to said location determination to affect at least one other system within said vehicle.

47 (thrice amended). In a motor vehicle having an interior passenger compartment having doors, windows, and containing objects, an interior monitoring system comprising:

a [Means]means to illuminate a portion of said vehicle passenger compartment with energy at at least one frequency;

b [Resonator]resonator means, responsive to said illumination, attached to at least one of said doors, windows, and objects having a resonant frequency at substantially nearly the same frequency as said at least one illumination frequency;